

SPECIFICATIONS

DRINKING WATER SAMPLING, TESTING AND TREATMENT/ WASTE WATER SAMPLING, TESTING AND TREATMENT 9TH DIVISION, DISTRICT 2

I-10 ALABAMA/FLORIDA WELCOME CENTER IN BALDWIN COUNTY

1.0 CONTRACTOR REQUIREMENTS – GENERAL.

- 1.1 EACH CONTRACTOR SHALL SUBMIT WITH THEIR BID PROOF OF LIABILITY INSURANCE IN THE MINIMUM AMOUNT OF \$1,000,000 PER OCCURRENCE, \$1,000,000 AGGREGATE. EACH CONTRACTOR SHALL FURTHER PROVIDE PROOF OF WORKMAN'S COMPENSATION INSURANCE SUFFICIENT TO SATISFY ALL LEGAL REQUIREMENTS OF THE STATE OF ALABAMA. FAILURE TO PROVIDE THIS DOCUMENTATION WITH THE BID PACKAGE WILL SLOW THE EVALUATION PROCESS. INSURANCE CERTIFICATES WILL BE REQUIRED FROM THE SUCCESSFUL VENDOR INDICATING THE STATE OF ALABAMA, DEPARTMENT OF FINANCE, DIVISION OF PURCHASING AS CERTIFICATE HOLDER. THIS CERTIFICATE MUST BE PROVIDED PRIOR TO AWARD OF PURCHASE ORDER.**
- 1.2 IN ACCORDANCE WITH SECTION 41-16-59 OF THE CODE OF ALABAMA, THE SUCCESSFUL BIDDER ON THIS SOLICITATION IS RESTRAINED FROM ASSIGNING OR SUB-CONTRACTING ANY PORTION OF THE WORK UNDER THIS CONTRACT. THE ONLY EXCEPTION FOR THIS PROJECT WILL BE LABORATORY TESTING SERVICES AS NECESSARY. ANY LABORATORY USED FOR TESTING SHALL BE LICENSED BY A.D.E.M.**
- 1.3 DUE TO THE NATURE OF THIS PROJECT, AWARD WILL BE MADE ON AN "ALL OR NONE" BASIS PER LOCATION TO THE RECOMMENDED VENDOR, WHO DURING THE COURSE OF OUR BID EVALUATION IS FOUND TO BE THE LOWEST RESPONSIBLE BIDDER FOR THAT LOCATION.**
- 1.4 ALL DOCUMENTATION REQUESTED SHOULD BE PROVIDED WITH THE BID DOCUMENT IN ORDER TO EXPEDITE THE BID EVALUATION PROCESS. NO AWARD WILL BE MADE UNTIL ALL DOCUMENTATION HAS BEEN RECEIVED FROM THE SUCCESSFUL VENDOR.**

2.0 WORK SCOPE

2.1 ALL WORKMANSHIP SHALL BE OF A PROFESSIONAL QUALITY AND STANDARD AS GENERALLY ACCEPTED IN THE TRADE. ALL WORKMANSHIP IS SUBJECT TO INSPECTION AND APPROVAL BY THE DISTRICT ENGINEER, OR HIS DESIGNEE, AND MUST MEET THE REQUIREMENTS OF THE ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (CURRENT EDITION) AS WELL AS ANY STANDARD DRAWINGS, SPECIAL DRAWINGS AND SPECIAL PROVISIONS.

2.2 THE QUANTITIES STATED IN THIS SOLICITATION ARE ESTIMATES ONLY FOR COMPARATIVE PURPOSES AND IN NO WAY OBLIGATE THE DEPARTMENT TO ANY SPECIFIC QUANTITY OF PURCHASES OR REPAIRS. ACTUAL MAINTENANCE REQUIREMENTS MAY BE LESS THAN OR GREATER THAN ESTIMATED QUANTITIES AS SHOWN. ALL QUANTITIES AND DIMENSIONS ARE ESTIMATED AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.

2.3 THE DEPARTMENT RESERVES THE RIGHT TO REQUEST ANY BIDDER TO PROVIDE A LIST OF REFERENCES FOR SIMILAR WORK IN ORDER TO FACILITATE THE BID EVALUATION PROCESS. THIS RIGHT MAY BE EXERCISED DISCRIMINATELY IN ORDER TO VALIDATE THE QUALIFICATIONS OF INDIVIDUAL BIDDERS WHOSE QUALIFICATIONS AND PREVIOUS WORK EXPERIENCES ARE NOT KNOWN TO THE DEPARTMENT OR TO THE DISTRICT ENGINEER.

2.4 THIS CONTRACT WILL BE FOR THE PERIOD FROM DATE OF AWARD THRU 09-30-2015.

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3.0 PERFORMANCE REQUIREMENTS: DRINKING WATER TESTING

3.1 VENDOR SHALL BE REQUIRED TO CHECK DRINKING WATER CHLORINE AND CAUSTIC LEVELS AT LEAST ONCE A WEEK.

3.2 VENDOR SHALL TAKE SAMPLES OF DRINKING WATER FOR TESTING ONCE A MONTH.

3.3 FURNISH TEST RESULTS TO THE DISTRICT ENGINEER WITHIN TEN (10) BUSINESS DAYS OF SAMPLING.

4.0 PERFORMANCE REQUIREMENTS - WASTE WATER LAGOON TESTING

- 4.1 BID PRICE SHALL INCLUDE ALL EQUIPMENT, TOOLS, LABOR AND OTHER NECESSARY INCIDENTALS REQUIRED FOR THE COMPLETION OF THIS WORK IN AN APPROVED AND SATISFACTORY MANNER.
- 4.2 VENDOR SHALL VISIT WELCOME CENTER/ LAGOON SITE ONCE PER MONTH UNLESS NOTIFIED BY THE DISTRICT ENGINEER OR HIS DESIGNEE THAT A "NO-FLOW" CONDITION EXISTS.

MANAGEMENT MANDATES FOR THE SITE ARE AS FOLLOWS:

1. MONTHLY SITE VISITS TO SAMPLE THE EFFLUENT, TEST AND RECORD RESULTS AS NECESSARY ON A.D.E.M. MONITORING CHARTS.
 2. FURNISH TEST RESULTS TO THE DISTRICT ENGINEER WITHIN TEN (10) BUSINESS DAYS OF SAMPLING.
 3. INVOICE ACCORDING TO ITEMS 4.8 AND 4.9 BELOW.
- 4.3 DURING ANY MONTH IN WHICH THERE IS A "NO-FLOW" CONDITION THE VENDOR WILL SUBMIT A REPORT TO THE DISTRICT ENGINEER BY THE 10TH OF THE FOLLOWING MONTH, ADVISING OF "NO-FLOW" DURING THE REPORTING PERIOD. A REPORT SHALL ALSO BE SUBMITTED TO A.D.E.M. IF SO REQUIRED BY THE PERMIT FOR A PARTICULAR LOCATION.
- 4.4 DURING ANY MONTH IN WHICH THERE IS A FLOW FROM THE LAGOON THE VENDOR WILL COLLECT TWO (2) WASTE SAMPLES: ONE (1) INFLUENT AND ONE (1) EFFLUENT SAMPLE. THE VENDOR WILL PERFORM FULL-SERVICE TESTING OF THE SAMPLES FOR EFFICIENCY OF TREATMENT AND TO ASSURE THAT OUTFLOW MEETS A.D.E.M. REQUIREMENTS. SPECIFIC TESTS ARE TO INCLUDE: C.B.O.D. (5 DAYS), T.S.S., DISSOLVED OXYGEN, PH., AMMONIA AND FECAL COLIFORM. SAMPLES WILL BE COLLECTED BY BLOCKING OUTFLOW AT SAMPLING LOCATIONS TO PERMIT "POOL" TO BE ESTABLISHED. SAMPLES WILL BE COLLECTED FROM "POOL." AFTER SAMPLE COLLECTION, POOL WILL BE RELEASED. EFFLUENT SAMPLING WILL NOT BE PERFORMED AT WEIR BOX BUT WILL BE PERFORMED AT THIRD STAGE POND OUTLET STRUCTURE.
- 4.5 THE CONTRACTOR WILL FURNISH TO THE DISTRICT ENGINEER A DISCHARGE MONITORING REPORT (DMR) BY THE 10TH OF EACH MONTH FOLLOWING SAMPLING. THE REPORT SHALL INDICATE A RECORD OF ALL FLOWS READ AND ALL TEST RESULTS.

- 4.6 ALL SAMPLE CONTAINERS ARE TO BE FURNISHED BY THE VENDOR AND INCLUDED IN THE BID PRICE.
- 4.7 CONTRACTOR PERSONNEL SHALL BE AVAILABLE TWENTY-FOUR (24) HOURS PER DAY, SEVEN (7) DAYS PER WEEK FOR EMERGENCIES.
- 4.8 MONTHLY MONITORING FEES SHALL BE INVOICED MONTHLY IN ARREARS. DURING PERIOD OF "NO-FLOW" LABORATORY FEES SHALL BE DEDUCTED FROM THE MONTHLY CHARGES.
- 4.9 ALL NECESSARY PARTS, MATERIALS, CHEMICALS, ETC., SHALL BE FURNISHED BY THE VENDOR AND INVOICED SEPARATELY FROM THE MONTHLY MONITORING FEES. PRICES SHALL BE INVOICED AT VENDOR COST PLUS MARK-UP PERCENTAGE AS INDICATED IN THEIR BID. VENDOR MUST BE ABLE TO SUBSTANTIATE COSTS BY PROVIDING COPIES OF SUPPLIER INVOICES TO THE DISTRICT ENGINEER IF REQUESTED.
- 4.10 SHOULD ANY TEST RESULT EXCEED DISCHARGE LIMITATIONS AUTHORIZED BY A.D.E.M. PERMIT, THE VENDOR SHALL PROVIDE A RECOMMENDATION OF PROPOSED CORRECTIVE ACTION AND/OR TREATMENT NECESSARY TO MEET PERMIT REQUIREMENTS AS SOON AS TEST RESULTS ARE KNOWN. VENDOR SHALL BE RESPONSIBLE FOR LAGOON OPERATION IN ACCORDANCE WITH A.D.E.M. PERMIT.

5.0 SPECIAL BIOAUGMENTATION REQUIREMENT-WASTE WATER LAGOON TESTING

- 5.1 BIOAUGMENTATION OF LAGOON WITH FACULTATIVE BACTERIA CULTURES WILL BE REQUIRED TO REDUCE ALGAE GROWTH AND INCREASE DEGRADATION OF WASTE IN THE PRIMARY LAGOON WHEN INDICATED BY ACTUAL TEST RESULTS.
- 5.2 THE FREQUENCY AND RATE OF APPLICATIONS FOR BIOAUGMENTATION WILL BE DETERMINED BY ACTUAL TEST RESULTS. AFTER COMPLETING MONTHLY TESTING OF SEWAGE LAGOON AND RECEIVING RESULTS, THE CONTRACTOR SHALL ADVISE THE DISTRICT ENGINEER OF HIS RECOMMENDED CORRECTIVE ACTIONS TO RESOLVE ANY FAILING PARAMETERS. THE CONTRACTOR SHALL THEN APPLY THESE CORRECTIVE MEASURES AS DIRECTED BY THE DISTRICT ENGINEER.

5.3 LABOR FOR BIOAUGMENTATION SHALL BE DEEMED TO BE INCLUDED IN THE BASIC MONTHLY MONITORING SERVICE FEE. CHARGES FOR MATERIALS REQUIRED FOR BIOAUGMENTATION SHALL BE INVOICED SEPARATELY IN ACCORDANCE WITH ITEM 3.9 ABOVE.